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TITLE: METHODS OF STAINING TARGET CHROMOSOMAL DNA EMPLOYING HIGH COMPLEXITY NUCLEIC ACID PROBES

INVENTORS: JOE GRAY ET AL. APPLICATION NO.: 08/487,701

REPLACEMENT SHEET 1 OF 22



FIG. 1A

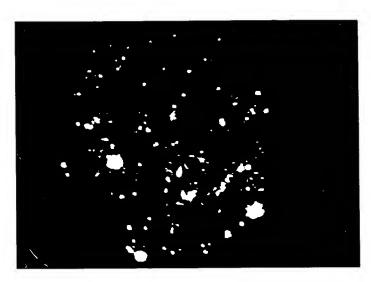


FIG. 1B

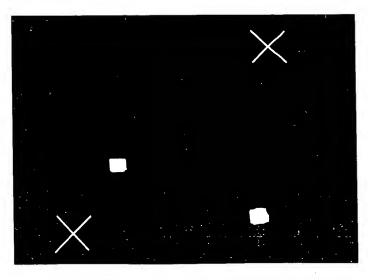


FIG. 1C

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APPLICATION NO.: 08/487,701

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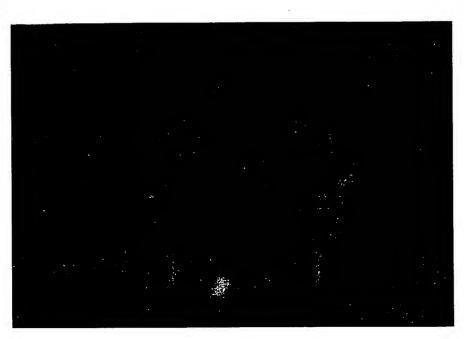


FIG. 2A

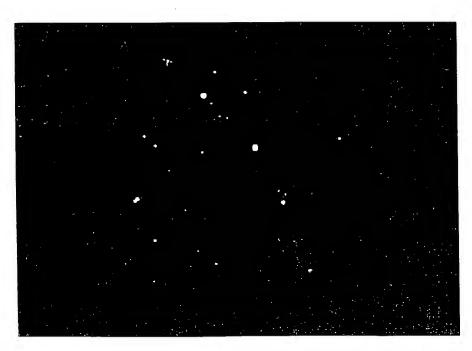


FIG. 2B



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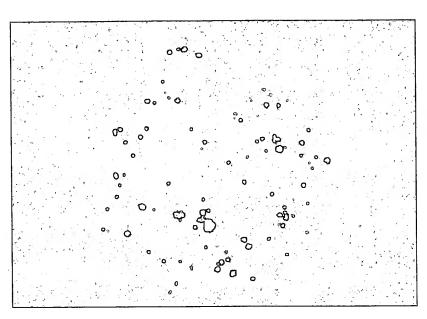


FIG. 3

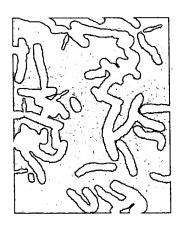


FIG. 4A

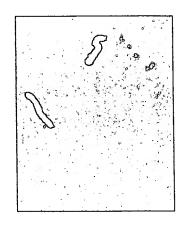
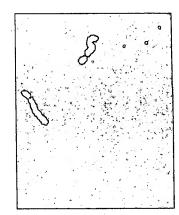
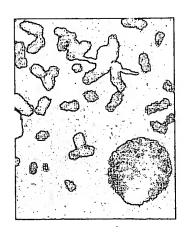


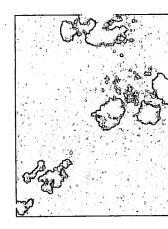
FIG. 4B FIG. 4C



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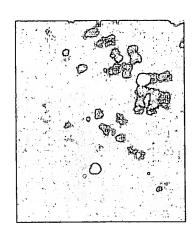


FIG. 4D

FIG. 4E

FIG. 4F

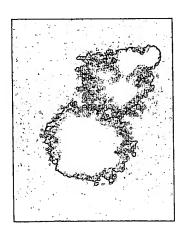


FIG. 4G

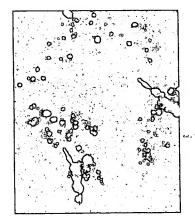


FIG. 4H

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FIG. 5

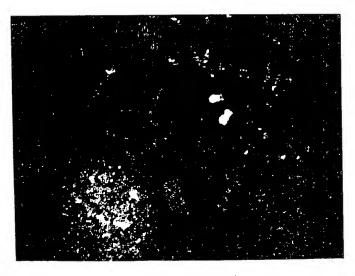


FIG. 6



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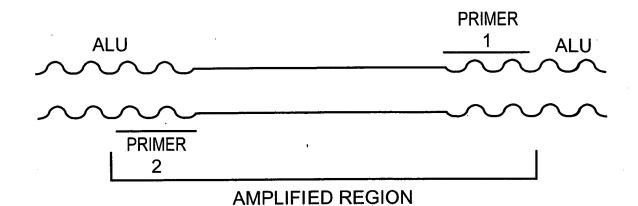


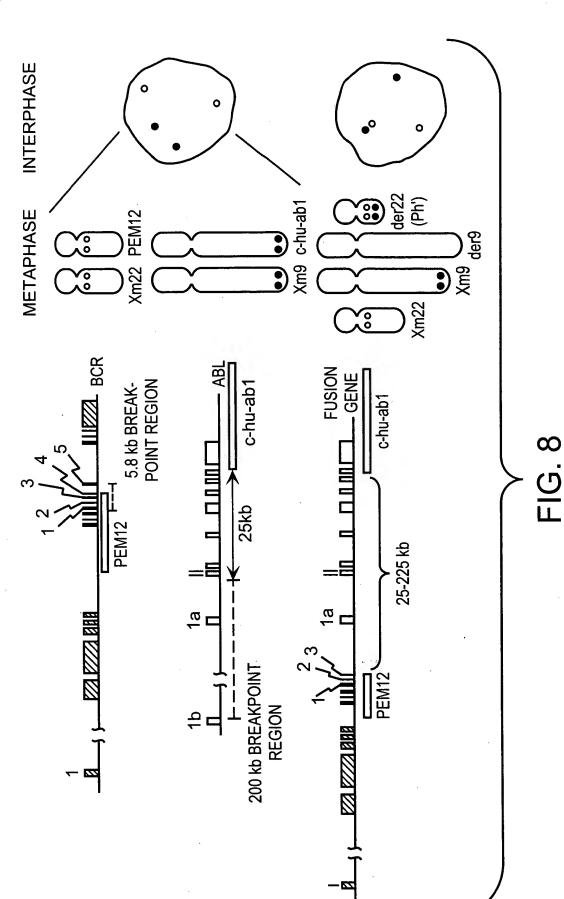
FIG. 7

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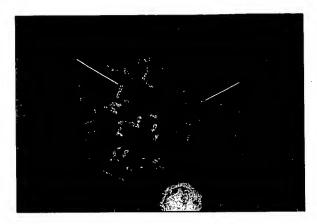


FIG. 9A

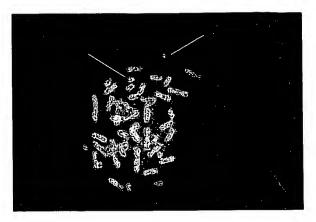


FIG. 9B

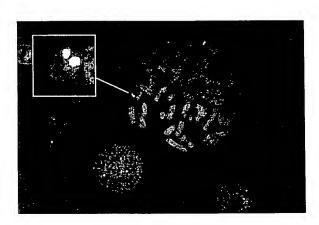


FIG. 9C

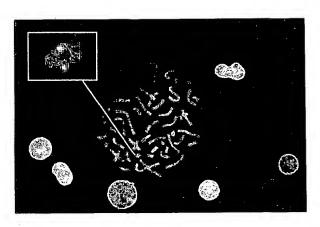


FIG. 9D

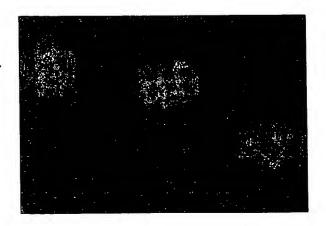


FIG. 9E

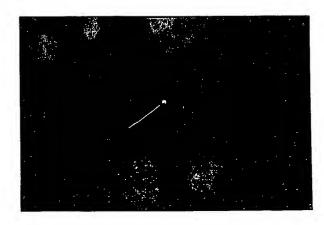


FIG. 9F

TITLE: METHODS OF STAINING TARGET CHROMOSOMAL DNA EMPLOYING HIGH COMPLEXITY NUCLEIC ACID PROBES

INVENTORS: JOE GRAY ET AL. APPLICATION No.: 08/487,701

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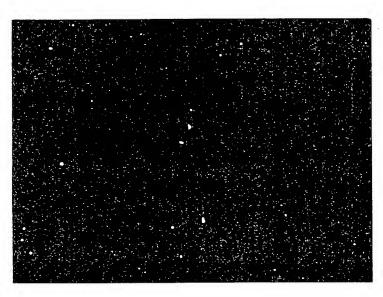


FIG. 10

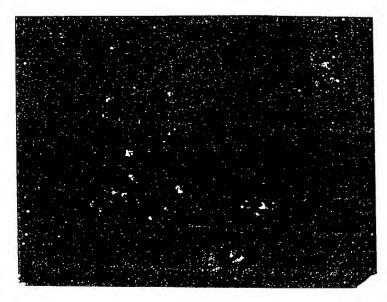
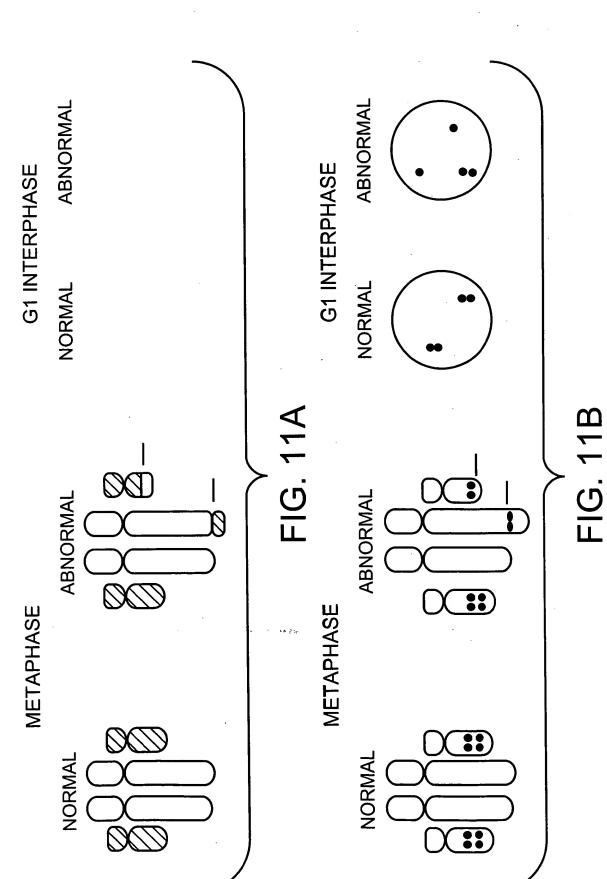


FIG. 12

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EMPLOYING HIGH COMPLEXITY NUCLEIC ACID PROBES
INVENTORS: JOE GRAY ET AL.
APPLICATION NO.: 08/487,701 REPLACEMENT SHEET 11 OF 22 APR 2 6 2004 TRADERINE ABNORMAL ABNORMAL 0 G1 INTERPHASE G1 INTERPHASE NORMAL NORMAL FIG. 11C FIG. 11D • **ABNORMAL ABNORMAL** 88 8) 88 METAPHASE METAPHASE • 0 • 0 NORMAL NORMAL 88 60 88 0 • 0

FILED: JUNE 7, 1995
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INVENTORS: JOE GRAY ET AL. APR 7 6 2004 APPLICATION No.: 08/487,701 REPLACEMENT SHEET 12 OF 22 TRADEM! **ABNORMAL ABNORMAL** 00 G1 INTERPHASE G1 INTERPHASE NORMAL NORMAL • °°° FIG. 11E FIG. 11F **ABNORMAL ABNORMAL** METAPHASE METAPHASE NORMAL NORMAL 88

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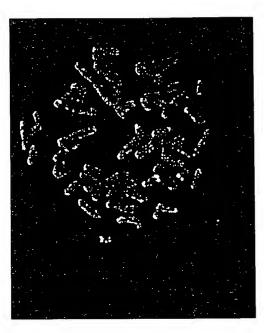


FIG. 13A



FIG. 13B

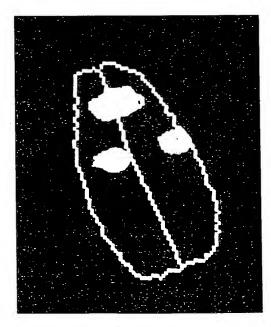


FIG. 13C

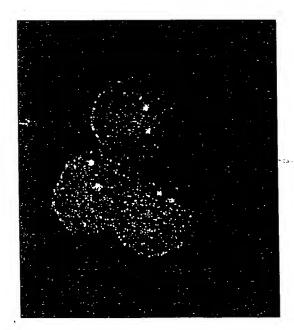


FIG. 13D

INVENTORS: JOE GRAY ET AL. APPLICATION NO.: 08/487,701

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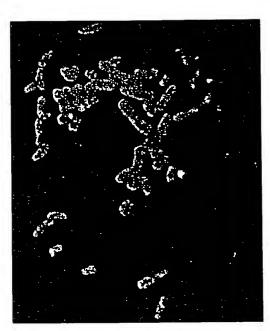


FIG. 13E

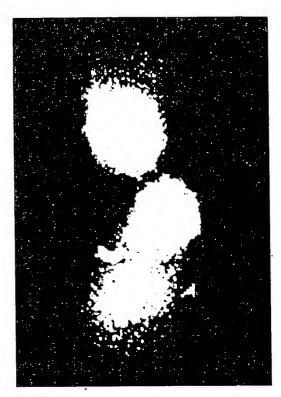


FIG. 13F

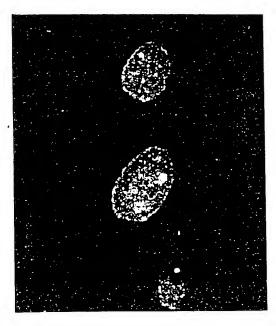


FIG. 13G

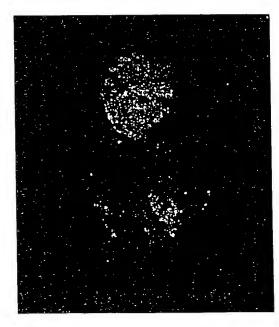


FIG. 13H

TITLE: METHODS OF STAINING TARGET CHROMOSOMAL DNA EMPLOYING HIGH COMPLEXITY NUCLEIC ACID PROBES

INVENTORS: JOE GRAY ET AL. APPLICATION NO.: 08/487,701

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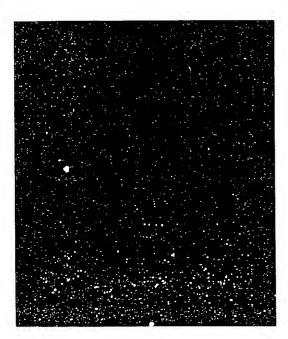


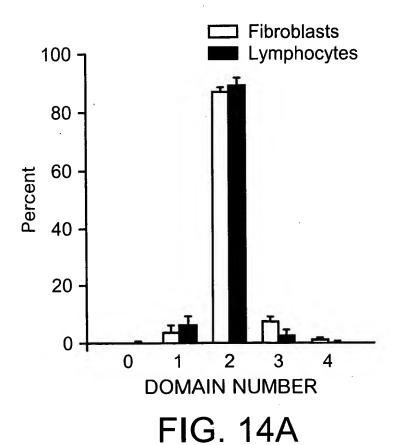
FIG. 131

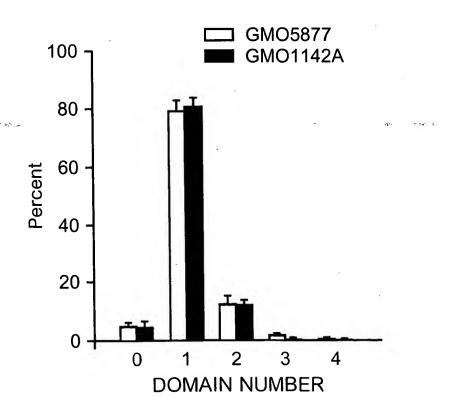
TITLE: METHODS OF STAINING TARGET CHROMOSOMAL DNA EMPLOYING HIGH COMPLEXITY NUCLEIC ACID PROBES

INVENTORS: JOE GRAY ET AL. APPLICATION NO.: 08/487,701

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TITLE: METHODS OF STAINING TARGET CHROMOSOMAL DNA EMPLOYING HIGH COMPLEXITY NUCLEIC ACID PROBES

INVENTORS: JOE GRAY ET AL. APPLICATION NO.: 08/487,701

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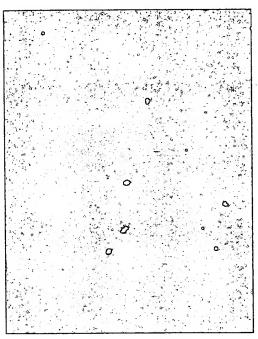


FIG. 15A

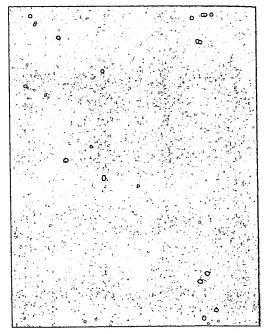


FIG. 15B

TITLE: METHODS OF STAINING TARGET CHROMOSOMAL DNA **EMPLOYING HIGH COMPLEXITY NUCLEIC ACID PROBES**

INVENTORS: JOE GRAY ET AL. APPLICATION No.: 08/487,701

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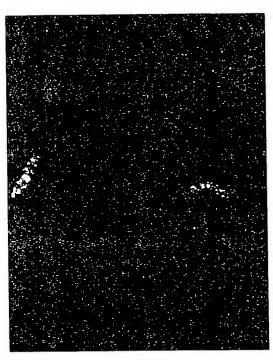


FIG. 16A

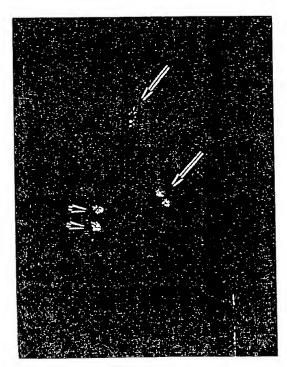


FIG. 16B

INVENTORS: JOE GRAY ET AL.
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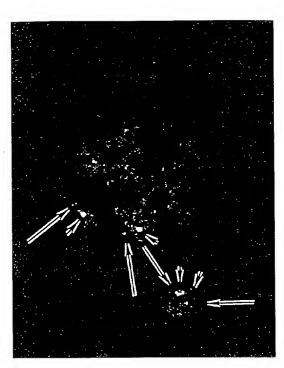


FIG. 17A

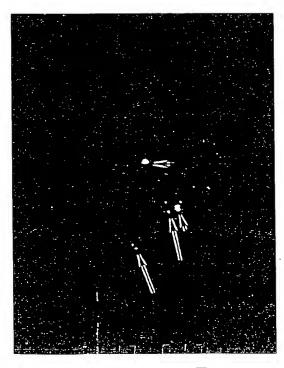
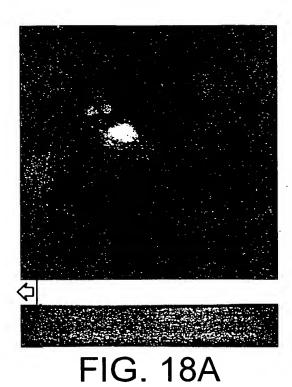


FIG. 17B

INVENTORS: JOE GRAY ET AL. **APPLICATION NO.: 08/487,701**

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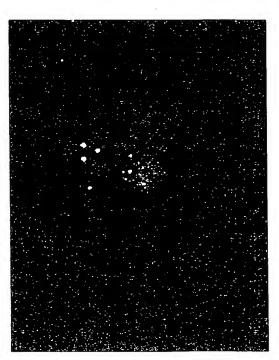


FIG. 18B

INVENTORS: JOE GRAY ET AL. **APPLICATION No.: 08/487,701**

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FIG. 19A

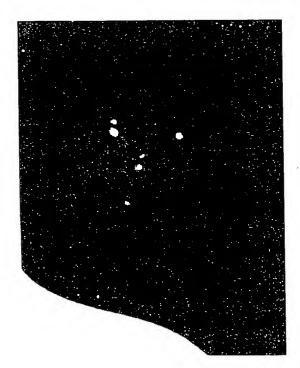


FIG. 19B

INVENTORS: JOE GRAY ET AL. **APPLICATION No.: 08/487,701**

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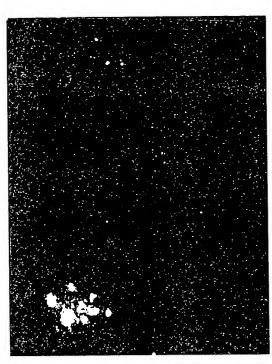


FIG. 20

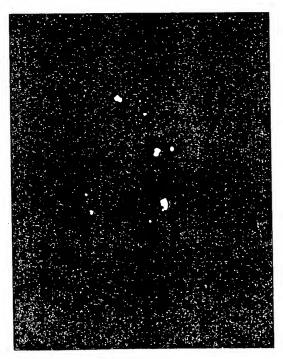


FIG. 21